ABSTRACT

A process for production a high purity epoxy compound with total chlorine content of 500 ppm or less is characterized in that alkali metal hydroxide is added to a bifunctional epoxy compound represented by the general formula (I), in which content of the component with n=0 is not less than 70% and less than 100%, and that reaction is caused to take place at a temperature of 95 \sim 150°C to produce a multi-functional epoxy compound represented by the general formula (II).

$$\begin{array}{c} O \\ O \\ H_2C \end{array} \xrightarrow{CH} \begin{array}{c} O \\ CH \\ CH \\ CH_2 \end{array} \xrightarrow{C} \begin{array}{c} O \\ CH \\ CH_2 \end{array} \xrightarrow{C} \begin{array}{c} O \\ CH \\ CH_2 \end{array}$$

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